VOL. 2 INDEX

VOL. 2 INDEX (CONTINUED)

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		VOLUME 2
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SHEET NO.	PLAN REFERENCE NO.	TITLE

PLAN
REFERENCE
NO.
SHEET
OF
SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FILE NAME	G:\444307\03-Design\Design\SR	105\XL6372 SI	R 105 Washav	vay Beach	Vicinity -	Slope F	Protection\0	CADD	PSE S	heets\XL	.6372_PS_IN.dgn
TIME	2:09:07 PM								REGION NO.	STATE	FED.AID PROJ.NO.
DATE	5/24/2023									WASH	
PLOTTED BY	geistr								2	WASH	
DESIGNED BY	E. HAMPTON									UMBER	
ENTERED BY	P. EASON								21X	334	
CHECKED BY	CAEO								CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	P. MASON										
REGIONAL ADM.	C. FRANCIS		REVISI	ON			DATE	BY			

STAMP BOX	DATE	P.E. STAMP BOX	DATE	

7	
Washington State Department of Transportation	

SR 105 WASHAWAY BEACH VICINITY
SLOPE PROTECTION
INDEX

Plot 2

IN2

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SHEETS

PROJECT LICENSED PROFESSIONAL CERTIFICATES

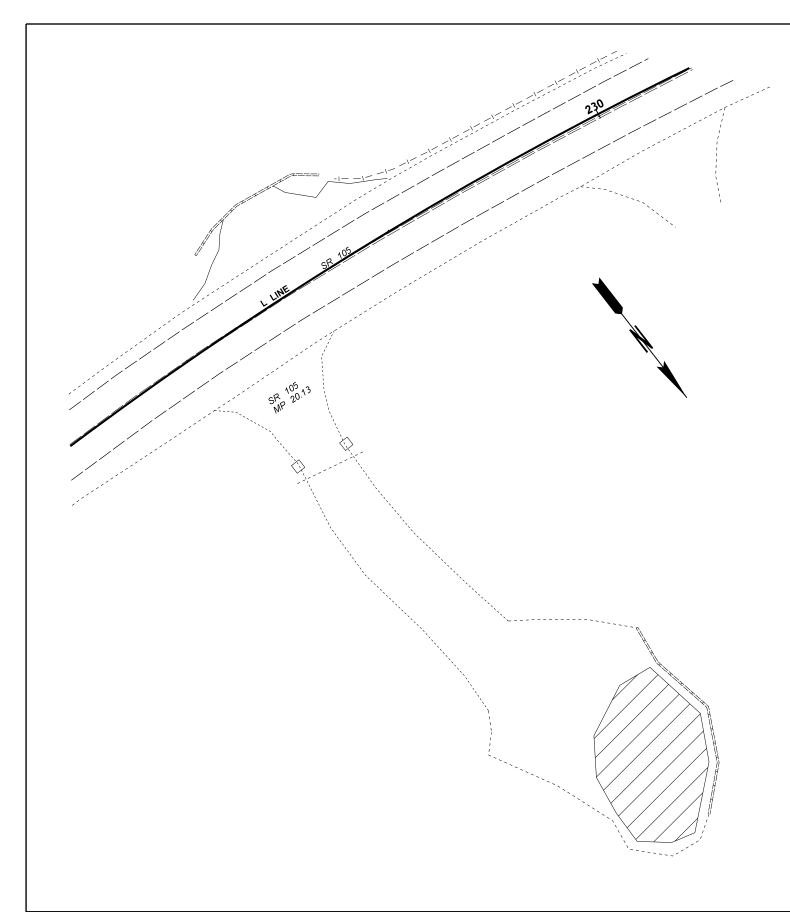
Paul Muson			
Paul Mason			
Jun 20, 2023 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
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AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.

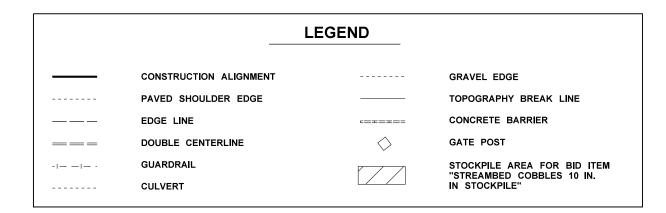
NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

FILE NAME	G:\444307\03-Design\Design\SR	105\XL6372 SR 105 Washaway Beach Vicinity - Slo	ope Protection\CA	ADD\PSE Sheets\X	L6372_PS_CT.dgn					Plot 1
TIME	2:22:50 PM			REGION STATE	FED.AID PROJ.NO.				SR 105	PLAN REF NO
DATE	5/24/2023			10 WASH						CT1
PLOTTED BY	geistr			IU WASI					WASHAWAY BEACH VICINITY	
DESIGNED BY	E. HAMPTON			JOB NUMBER				Washington State	SLOPE PROTECTION	SHEET
ENTERED BY	P. EASON			21X334				J 3		5 1
CHECKED BY	CAEO			CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	P. MASON					DATE	DATE	-	CERTIFICATION SHEET	19 SHEETS
REGIONAL ADM.	C. FRANCIS	REVISION	DATE	BY		PE STAMP BOX	PE STAMP BOX		SERTIFICATION STILL	J. S. ILL. 10





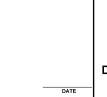
NOTES:

- 1. STOCKPILE AREA SHALL BE PREPARED IN ACCORDANCE WITH SECTION 3-02.2(5) OF THE STANDARD SPECIFICATIONS.
- 2. SEE SECTION 3-02 IN THE SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS FOR ALL OTHER REQUIREMENTS.

0 20 40 SCALE IN FEET

FILE NAME	G:\444307\03-Design\Design\SR	105\XL6372 SR	105 Washaway	Beach Vio	inity - Slope	Protection\	CADD	PSE S	heets\XL	.6372_PS_STP.d	gn	
TIME	12:58:42 PM							REGION NO.	STATE	FED.AID F	PROJ.NO.	1.
DATE	5/30/2023								WASH			7
PLOTTED BY	geistr							10	WASH			L
DESIGNED BY	E. HAMPTON								UMBER			
ENTERED BY	P. EASON							21X	334			110
CHECKED BY	CAEO							CONTR	ACT NO.	LOCATIO	N NO.	י [
PROJ. ENGR.	P. MASON											
REGIONAL ADM.	C. FRANCIS		REVISION			DATE	BY					







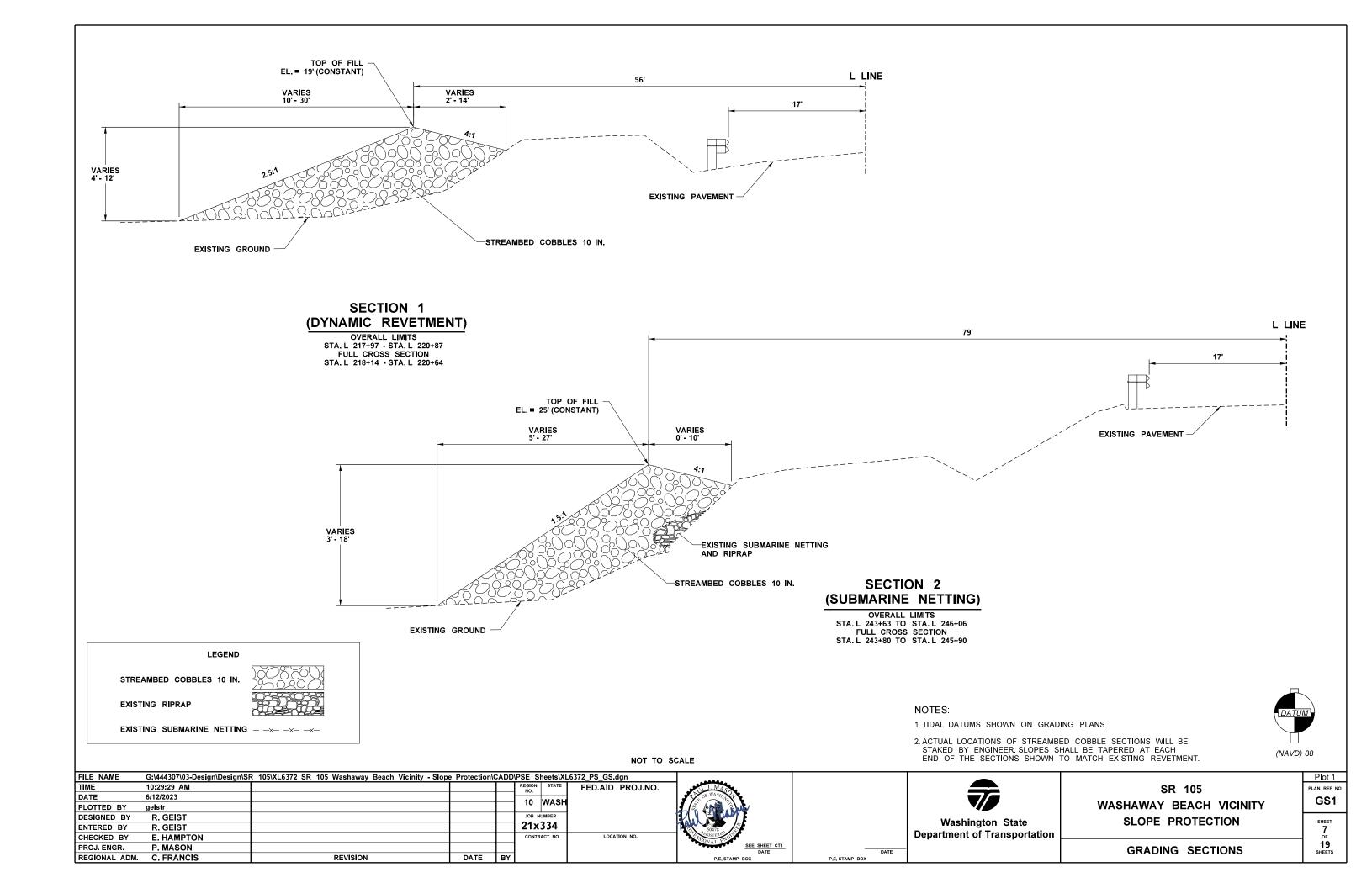
SR 105 WASHAWAY BEACH VICINITY SLOPE PROTECTION

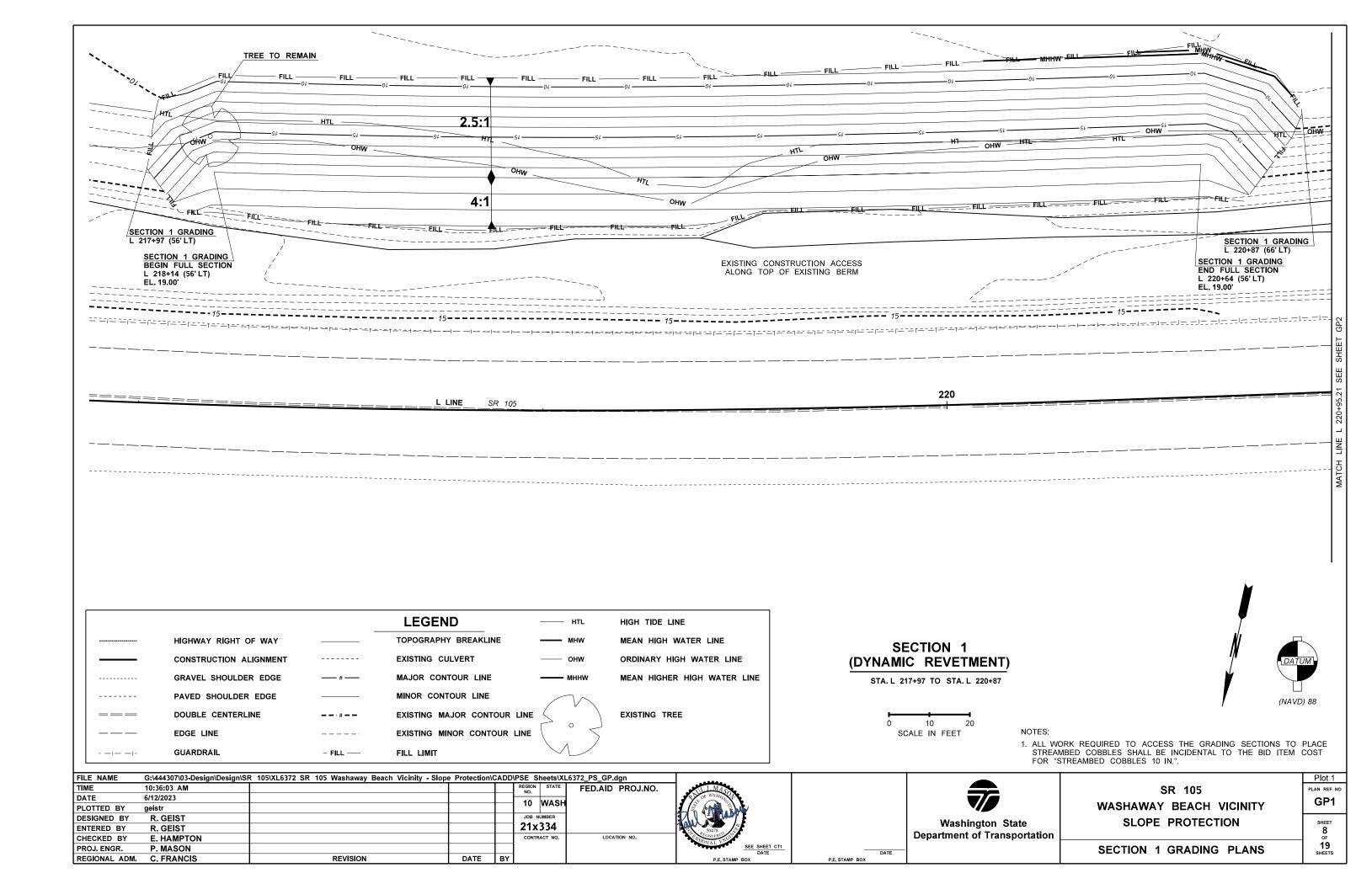
STOCKPILE SITE

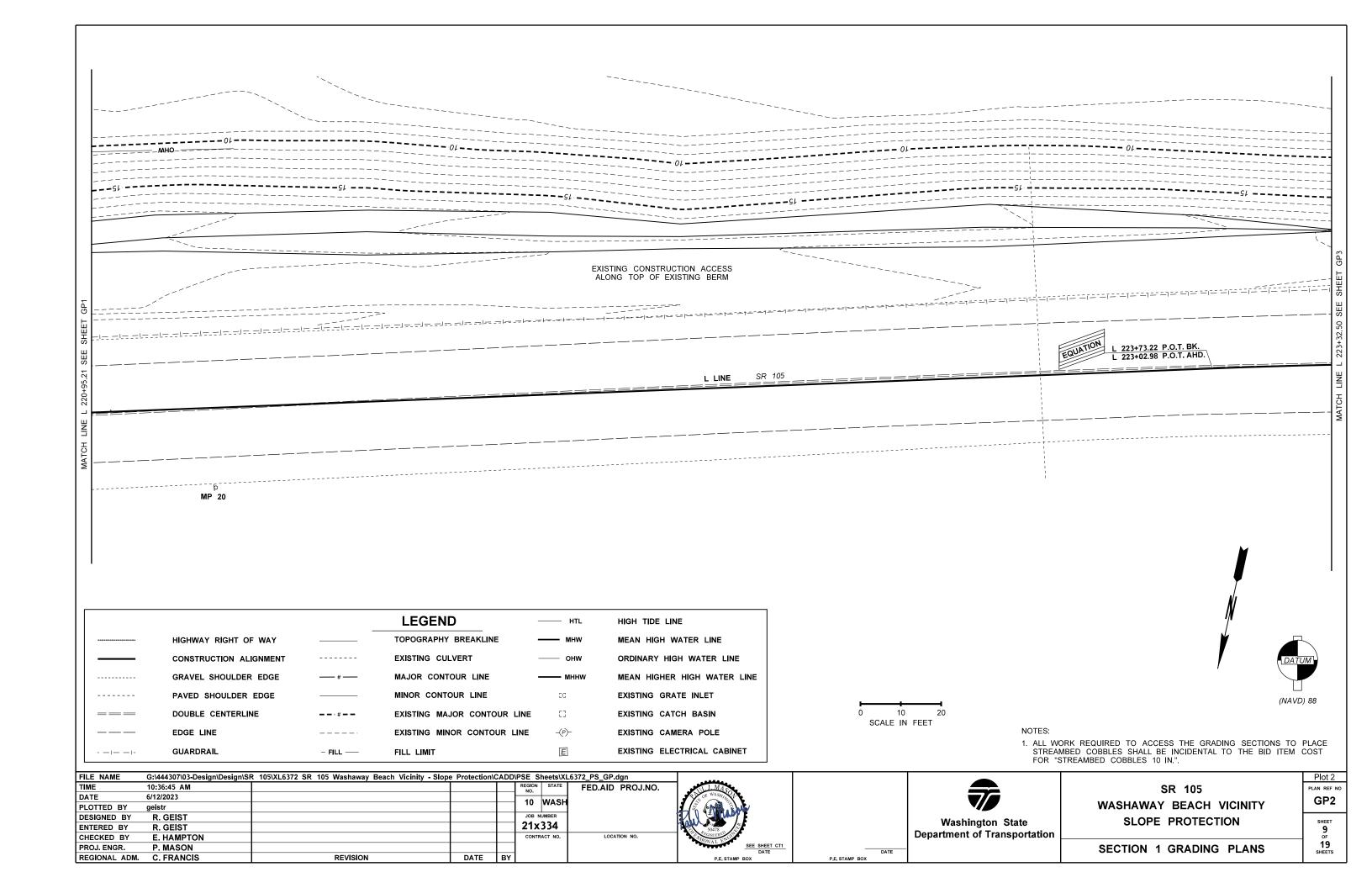
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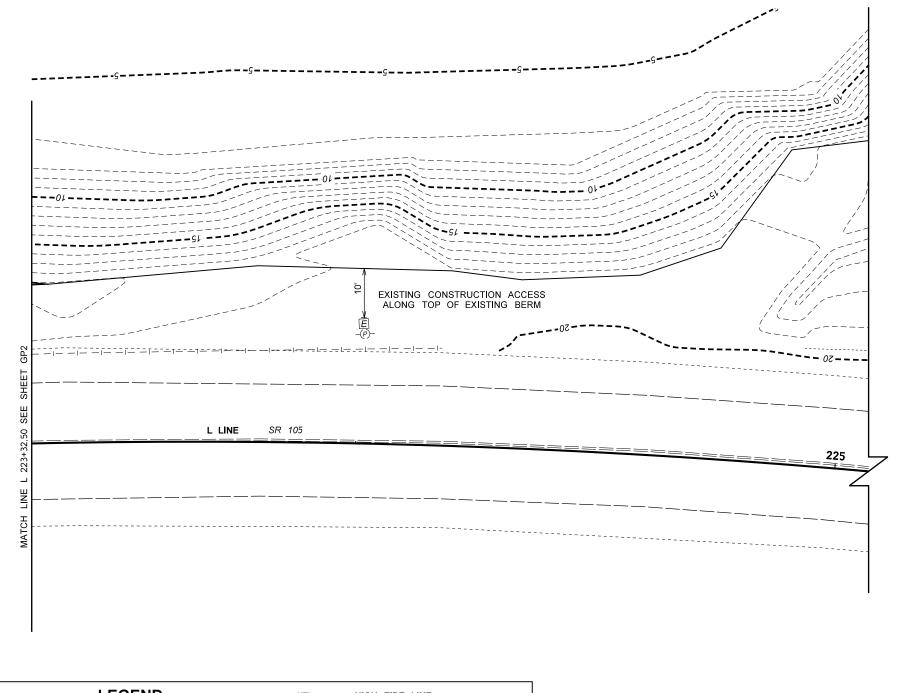
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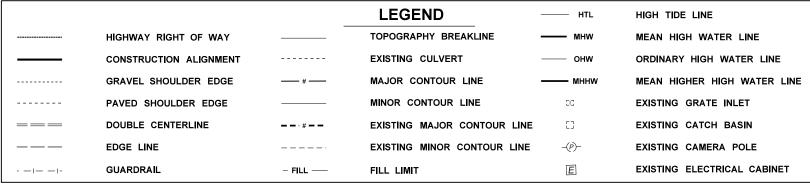
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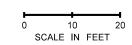












DATE



NOTES:

1. ALL WORK REQUIRED TO ACCESS THE GRADING SECTIONS TO PLACE STREAMBED COBBLES SHALL BE INCIDENTAL TO THE BID ITEM COST FOR "STREAMBED COBBLES 10 IN.".

FILE NAME	G:\444307\03-Design\Design\Si	R 105(XL6372 SR 105 Washaway Beach Vicinity - Si	ope Protection	CADD	IPSE 3	neets\XL	.63/2_PS_GP.agn	
TIME	10:38:27 AM				REGION NO.	STATE	FED.AID PROJ.NO.	ر [
DATE	6/12/2023				10	WASH		
PLOTTED BY	geistr				10	WASH		11/
DESIGNED BY	R. GEIST					UMBER		To the
ENTERED BY	R. GEIST				21x	334		110
CHECKED BY	E. HAMPTON				CONTR	ACT NO.	LOCATION NO.] `
PROJ. ENGR.	P. MASON							
REGIONAL ADM.	C. FRANCIS	REVISION	DATE	BY				



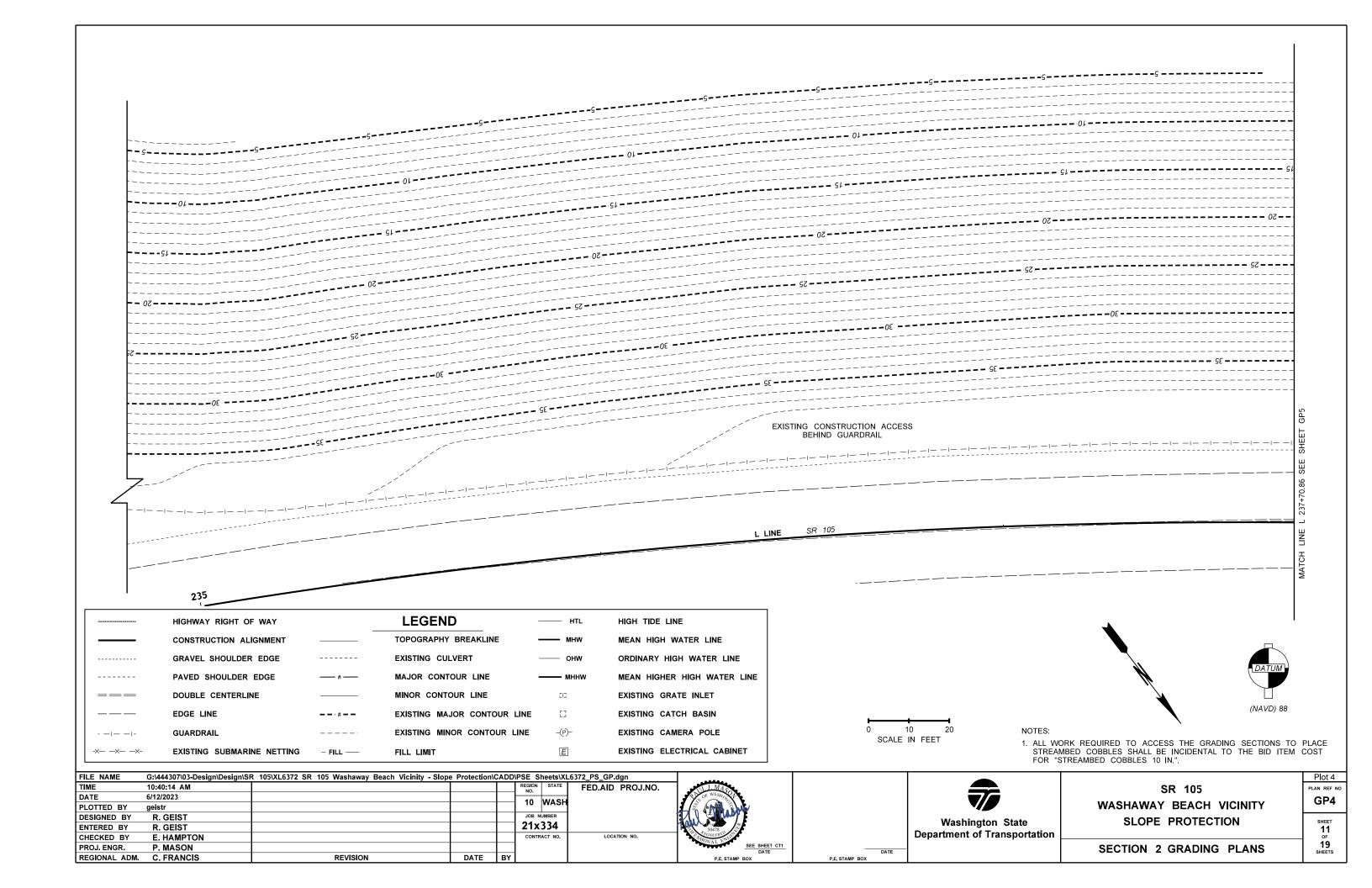
7
Washington State Department of Transportation

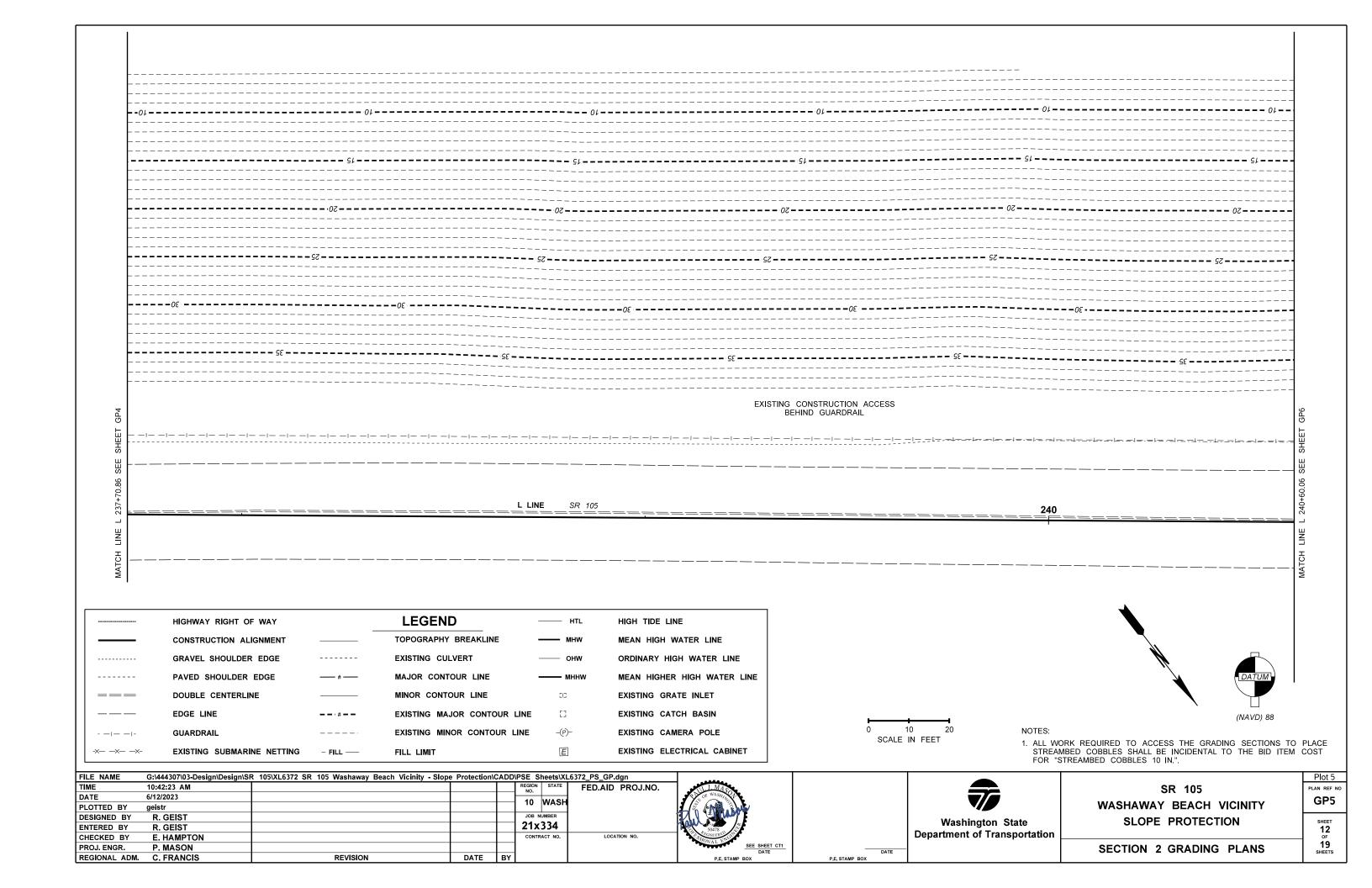
SR 105
WASHAWAY BEACH VICINITY
SLOPE PROTECTION

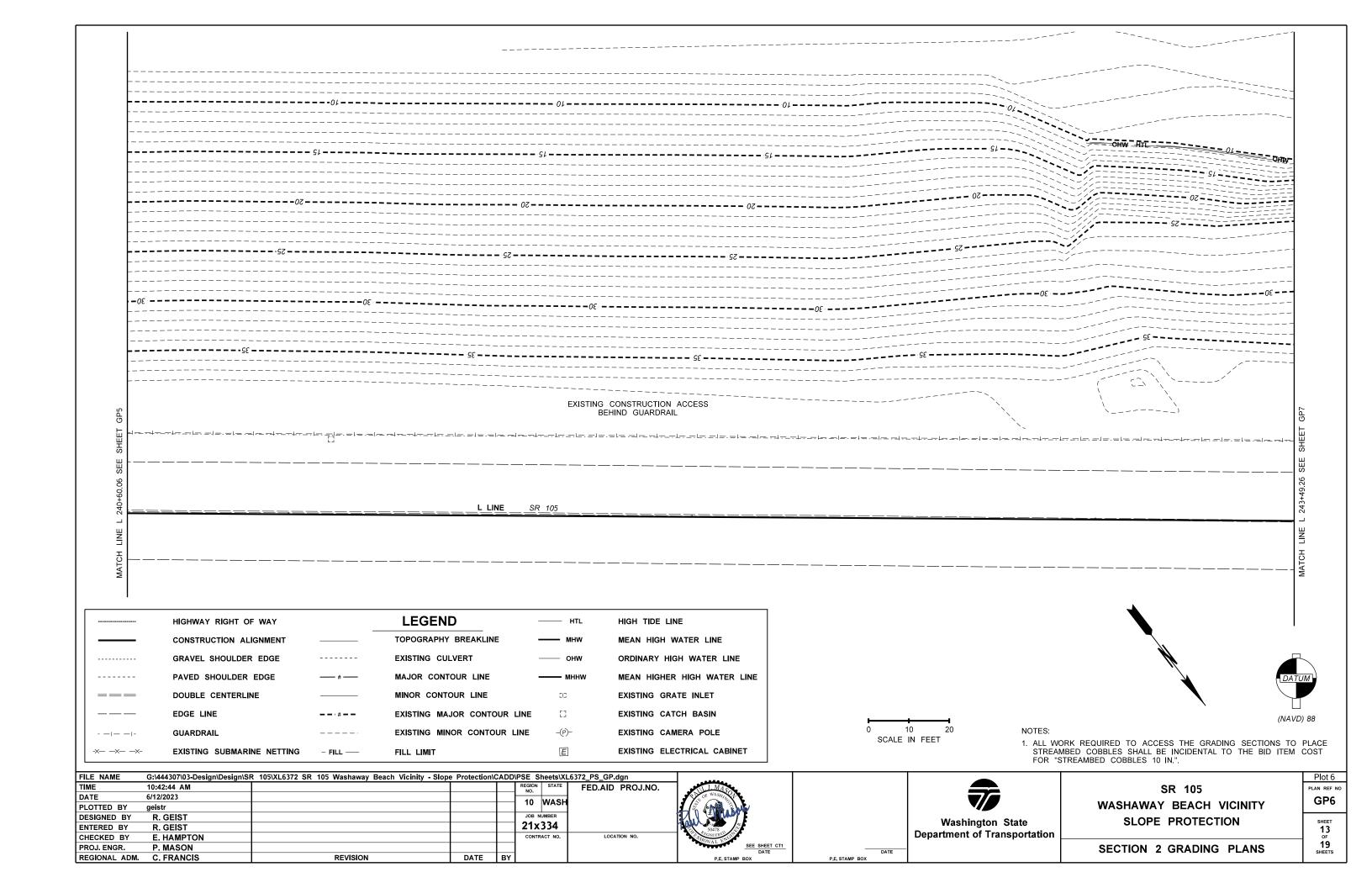
SECTION	1	GRADING	PLANS	
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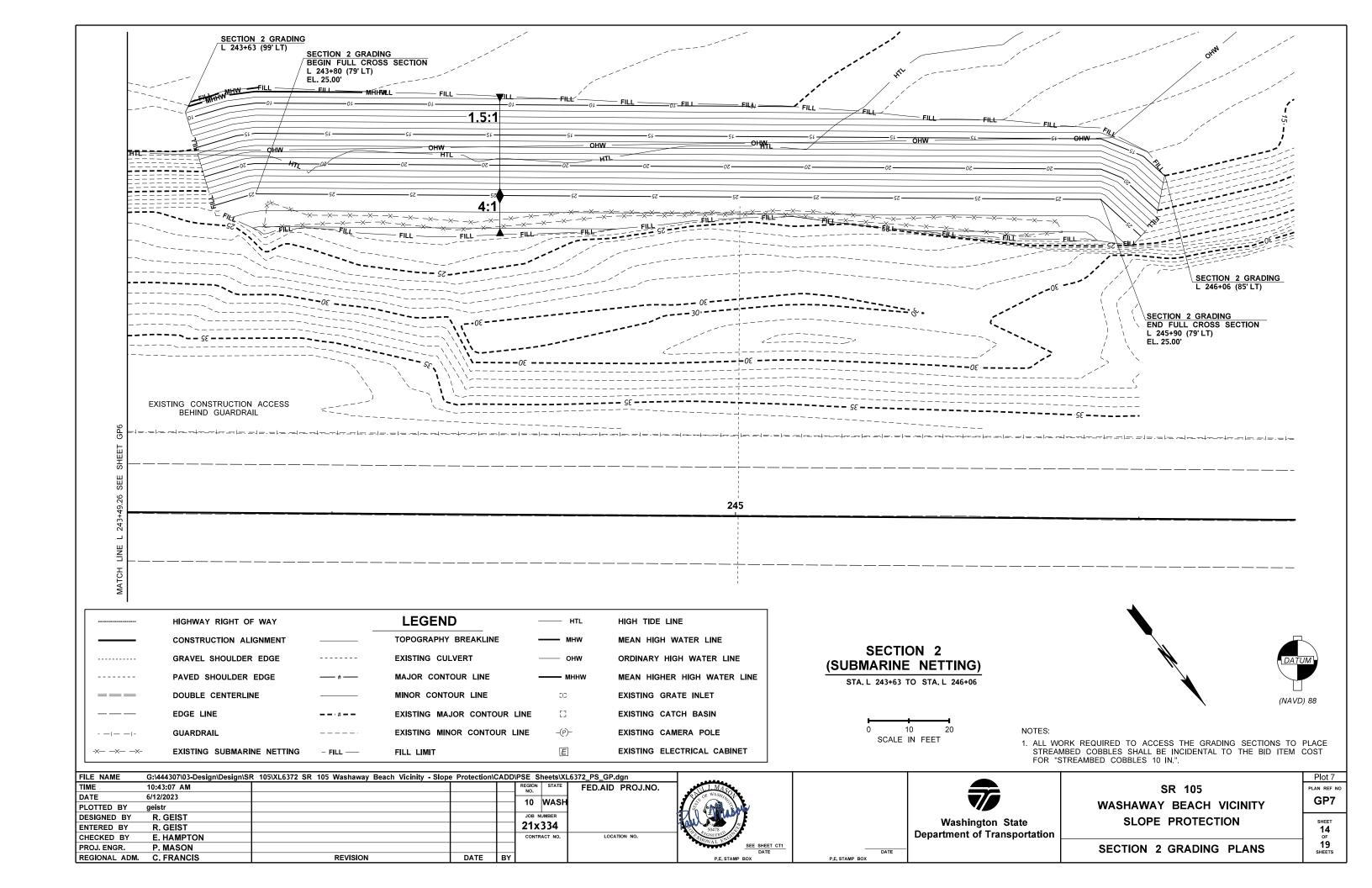
SHEET
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Plot 3
PLAN REF NO

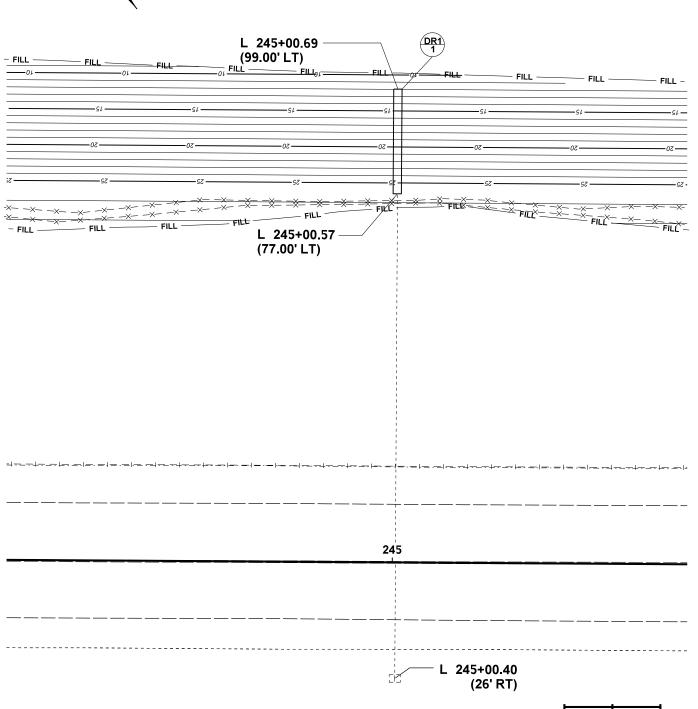


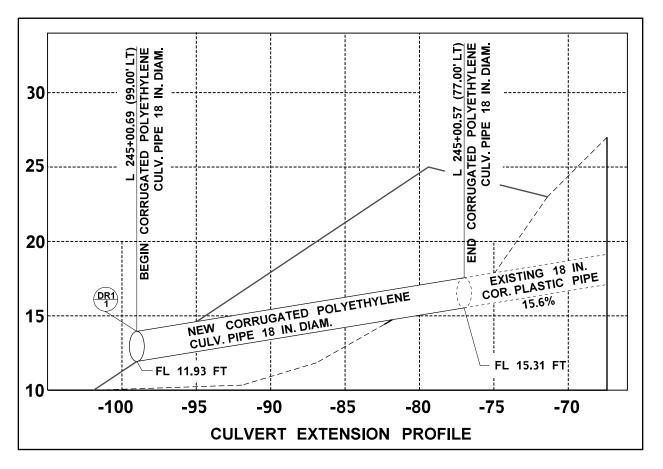














CONSTRUCTION ALIGNMENT / ROUTE NUMBER EXISTING CULVERT NEW CULVERT EXISTING DOUBLE CENTERLINE EXISTING EDGE LINE WHITE EXISTING GUARDRAIL EXISTING SUBMARINE NETTING NEW MAJOR CONTOUR LINE NEW MINOR CONTOUR LINE FILL FILL LIMIT EXISTING GRATE INLET

DATE

STRUCTURE NOTE (DRAINAGE) THIS SHEET

1 CORRUGATED POLYETHYLENE CULV. PIPE 18 IN. DIAM. - 23 L.F.

FILE NAME	G:\444307\03-Design\Design\SF	R 105\XL6372 SR 105 Washaway Beach Vicinity - Slope	e Protection\0	CADD	PSE S	heets\XL	.6372_PS_DR.dgn	
TIME	1:01:00 PM				REGION NO.	STATE	FED.AID PROJ.NO.	٦
DATE	5/30/2023				10	WASH		ر ا
PLOTTED BY	geistr				10	WASH		1
DESIGNED BY	E. HAMPTON					IUMBER		
ENTERED BY	P. EASON				21X	334		TN.
CHECKED BY	CAEO				CONTR	RACT NO.	LOCATION NO.	7
PROJ. ENGR.	P. MASON							
REGIONAL ADM.	C. FRANCIS	REVISION	DATE	BY				



10

SCALE IN FEET

20

7	
Washington State Department of Transportation	
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SR 105
WASHAWAY BEACH VICINITY
SLOPE PROTECTION

DRAINAGE PLAN

DR1

SHEET

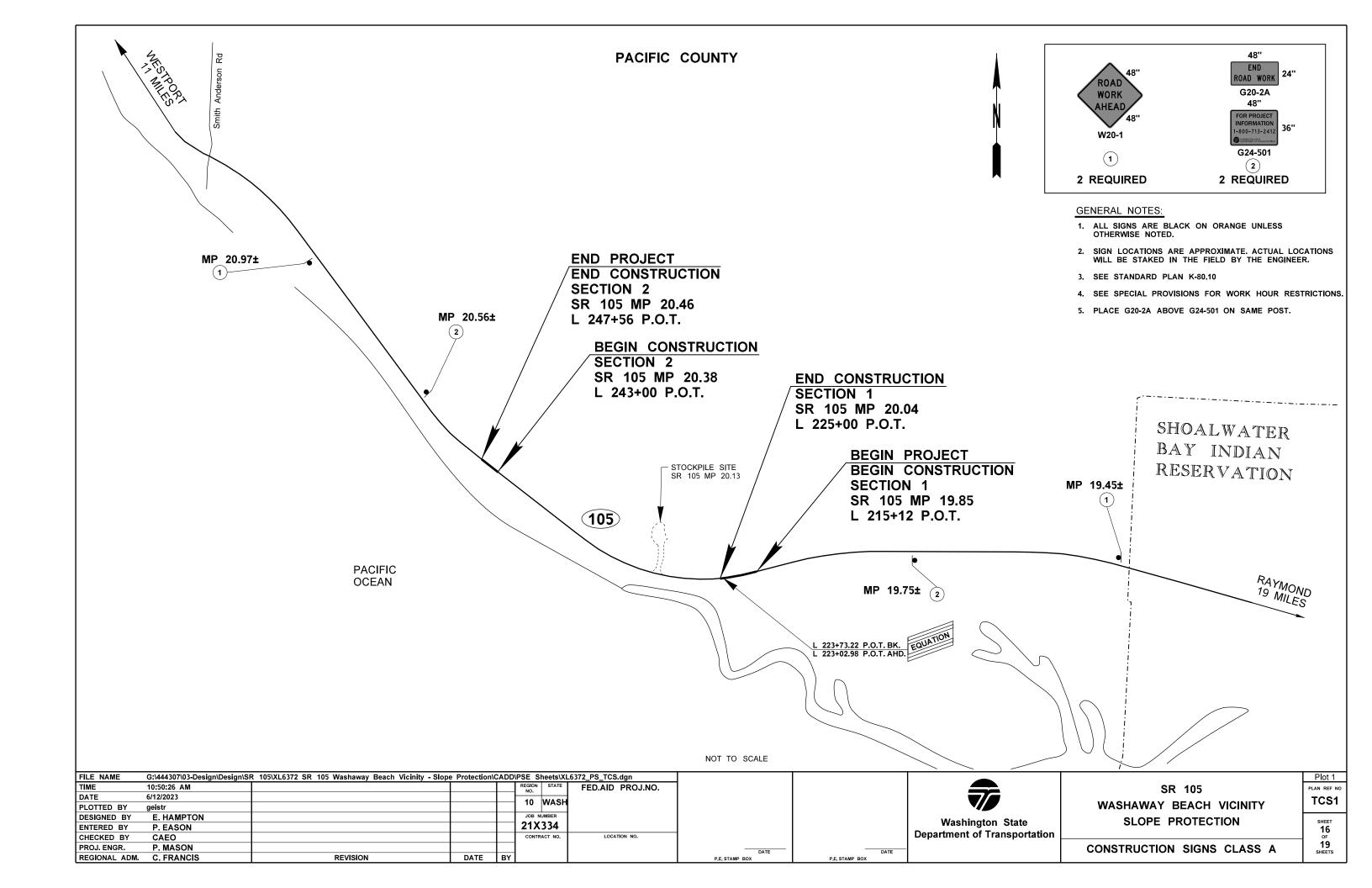
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OF

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SHEETS

Plot 1

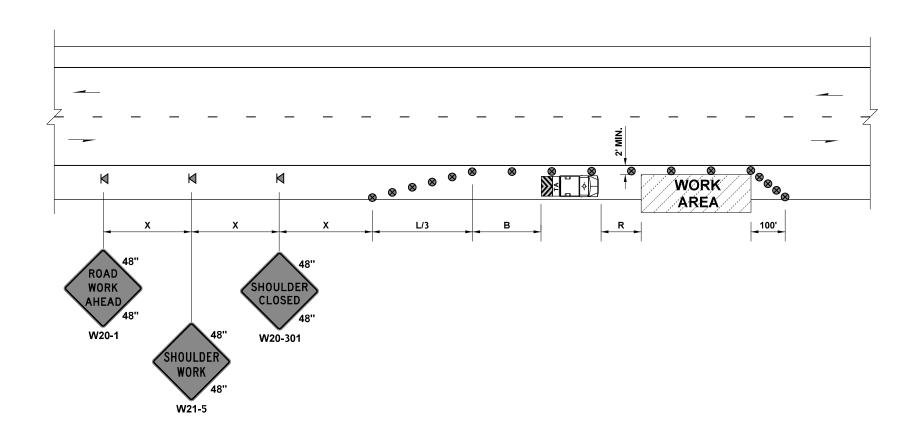


MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)													
SHOULDER	Posted Speed (mph)												
WIDTH (feet)	25	30	35	40	45	50	55	60	65	70			
8'	-	-	-	-	120	130	150	160	170	190			
10'	-	-	-	-	150	170	190	200	220	240			

SIGN SPACING	i = X (1)	
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
(1) ALL SPACING MAY BE ADJUSTED TO RAMPS, AT-GRADE INTERSECTIONS A		INTERCHANGE

	LIZATION ACING (fe	
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60

BUFFER DATA											
LONGITUDINAL BUFFER SPACE = B											
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH	(feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R											
	HOST VEHICLE WEIGHT HOST VEHICLE WEIGHT 9.900 TO 22.000 lbs. > 22.000 lbs.										
< 45 MPH	45-55	MPH	> !	55 M PH	<	< 45 MPH 45-55 MPH > 55 MP					MPH
100' 123'						74'		100'		150	0'
					<u> </u>						



LEGEND:

TEMPORARY SIGN LOCATION

TRAFFIC SAFETY DRUM



TRANSPORTABLE ATTENUATOR

SHOULDER CLOSURE - HIGH SPEED (45+ MPH HIGHWAYS) NOT TO SCALE

NOTES:

- 1. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20'.
- 2. ALL SIGNS ARE BLACK ON ORANGE.
- 3. NO ENCROACHMENT IN TRAVELED LANES. IF ENCROACHMENT IS NECESSARY, LANE SHALL BE CLOSED.

FILE NAME	G:\444307\03-Design\Design\SR	105\XL6372 SR 105 Washaway Beach Vicinity - Slo	pe Protection\C	ADD\PSE Sheets\X	L6372_PS_TC.dgn					Plot 1
TIME	11:07:56 AM			REGION STATE	FED.AID PROJ.NO.	1			SR 105	PLAN REF NO
DATE	6/12/2023			10 WASH						TC1
PLOTTED BY	geistr			10 WASI					WASHAWAY BEACH VICINITY	
DESIGNED BY	E. HAMPTON			JOB NUMBER				Washington State	SLOPE PROTECTION	SHEET
ENTERED BY	P. EASON			21X334				3		17
CHECKED BY	CAEO			CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	P. MASON					DATE	DATE	_	TRAFFIC CONTROL PLANS	19 SHEETS
REGIONAL ADM.	C. FRANCIS	REVISION	DATE	BY		P.E. STAMP BOX	P.E. STAMP BOX			SILETO

